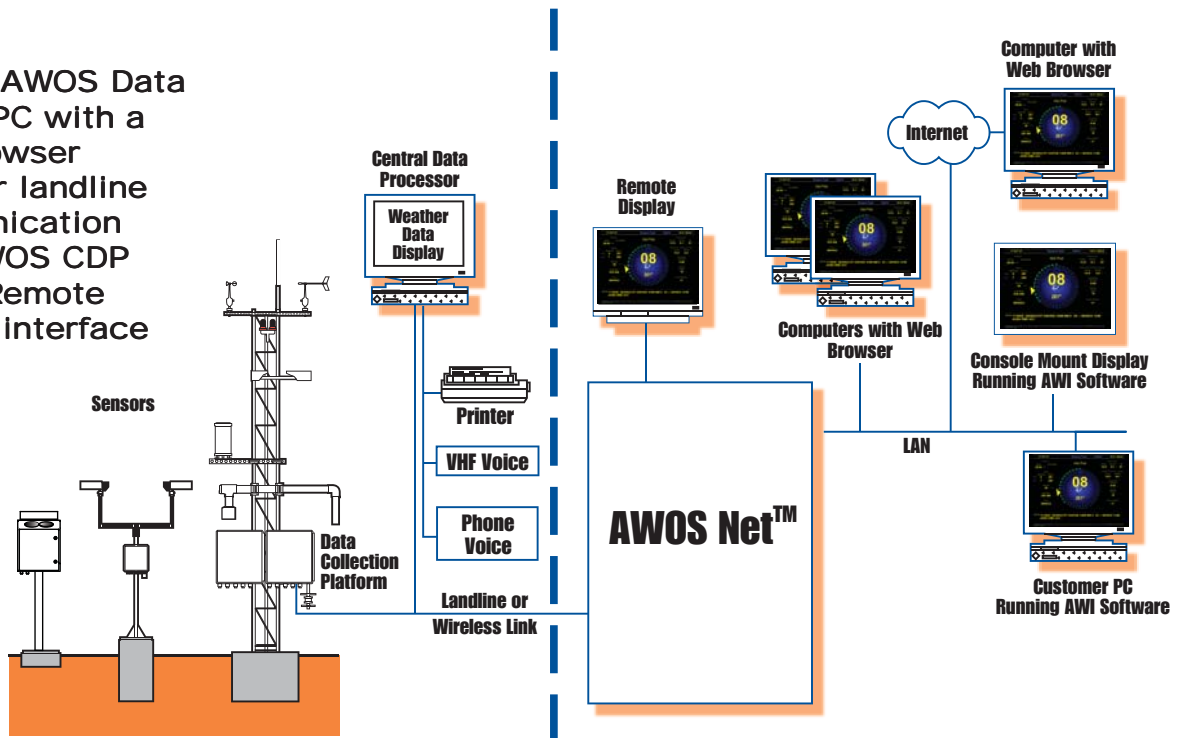




AWOS Net Model 2210

- Display AWOS Data on any PC with a web browser
- Radio or landline communication with AWOS CDP
- AWOS Remote Display Interface



GENERAL DESCRIPTION

AWOS Net is a data dissemination and display network that leverages the capability of All Weather, Inc.'s Automated Weather Observing System (AWOS) to broadcast current weather data to a flexible network of display stations. Using AWOS Net, preprocessed data from the FAA-certified AWOS is available to local and remote displays.

AWOS Net consists of an AWOS Net Controller and Communication Interface connected to an AWOS, along with one or more remote displays.

The AWOS Net receives data only from the AWOS system—it cannot send any information to the AWOS, and therefore cannot distort or otherwise alter the AWOS data.

There are three communication options for the AWOS Net.

- The 2210 is the standard AWOS Net, with RS-232 communication to the AWOS
- The 2210-U has a UHF radio for communication to the AWOS, for use when the AWOS Net is at a distance from the AWOS
- The 2210-R uses RS-485 communication to the AWOS, for hardwired connections greater than 500 feet

The **Model 2210** comes with a 17" flat panel LCD display.

The **Model 2211** is an AWOS Net Controller only, with no monitor or communication package. This allows selection of larger monitor sizes (19", 22", or 24")—or no monitor at all—along with any of the three communication packages (RS-232, RS-485, or UHF radio).

COMMUNICATIONS

At a minimum of once per minute, the CDP broadcasts its latest data for all monitored parameters. The AWOS Net Controller acquires the data via the AWOS communications line from the CDP's Peripheral Interface, then encapsulates it and broadcasts it via Ethernet connection to all active remote connections. This permits AWOS Net Remote Displays to receive current data within milliseconds of the CDP broadcasting the update. To ensure the reliability of the data, all communications are validated for timeliness and correctness before display to the user.

The remote displays mirror the data displayed at the CDP following processing and application of the AWOS algorithms. Remote users can also view the weather data in a standard web browser via internet or local network connections.

SENSORS

ORDERING INFORMATION

Model 2210	AWOS Net Controller with 17" flat panel display, RS-232
Model 2210-U	AWOS Net Controller with 17" flat panel display, UHF radio
Model 2210-R	AWOS Net Controller with 17" flat panel display, RS-485
Model 2211	AWOS Net Controller only



The AWOS Net Remote Displays present weather data in a high-visibility combination of text and graphics



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